

# Kansas Environmental Conference 2018

**August 7-9**

Wichita Marriott Hotel  
9100 E. Corporate Hills Dr.





# Kansas Environmental Conference 2018

## Conference Overview

The 2018 Kansas Environmental Conference, hosted by the Kansas Department of Health and Environment, will provide updates on environmental issues, new technologies, regulatory information and pollution prevention.

## Goal

The goal of the conference is to provide businesses, industries, community leaders, consultants and the public with an understanding of new regulations, current trends in environmental quality, new technologies and advantages of pollution prevention.

## Who Should Attend?

The conference has been developed by a planning committee comprised of environmental managers and consultants, industrial engineers, and university staff. Anyone interested in environmental regulations, pollution prevention, new technologies or the status of the environment in Kansas is invited to attend.

## Registration

Visit [http://www.kdheks.gov/sbcs/environment\\_conf.html](http://www.kdheks.gov/sbcs/environment_conf.html) to register online, or complete the paper registration form online and mail it along with your \$200 registration fee by 5 p.m., July 22, to the address provided on the form. If you wish to register after 5 p.m., July 22, ~~an additional late fee of \$20 will be assessed.~~

## Certificates of Attendance and Professional Development Hours (PDHs)

Certificates of Attendance will be available to download after completion of the conference survey. This certificate, along with a copy of the agenda marked with sessions attended, will assist individuals needing to document professional development hours for their technical profession. It is up to each individual to determine how many PDHs were earned at the conference. For more information on documenting PDHs, visit the Kansas State Board of Technical Professions' website at <http://www.ksbtp.ks.gov/>.

## Exhibitors

You are invited to register for a booth to display your services and/or products. Cost is \$400 and includes two paid conference registrations; an eight-foot clothed and skirted table and two chairs per table will be provided. Electricity (110 only) can be purchased for an additional \$10. Contact KDHE at 785-296-1526 for a vendor registration packet, or visit [http://www.kdheks.gov/sbcs/environment\\_conf.html](http://www.kdheks.gov/sbcs/environment_conf.html) to register online.

## Location and Accommodations

The conference will be held at the Wichita Marriott, 9100 E Corporate Hills Dr, Wichita. Sleeping rooms have been blocked at a conference rate of \$100 per night. Make your room reservation at <http://bit.ly/2Js32bd>, or by calling the hotel directly at 316-651-0333, and mention you are part of the KDHE Environmental Conference to receive the conference rate. Please register before July 17 for the conference rate.

2018 Kansas Environmental Conference  
**AGENDA-AT-A-GLANCE**

**Tuesday, August 7**

- 9:00 a.m. – noon                   **Hazardous Waste Generator Workshop Beginner**  
*Corporate Hills Ballroom*
- 1:30 p.m. – 4:30 p.m.           **Hazardous Waste Generator Workshop Advanced**  
*Corporate Hills Ballroom*
- 10:00 a.m. – 2:30 p.m.       **Clean Air Act Advisory Group (CAAAG) Meeting**  
*Salon 1 and 2*
- 8:45 a.m. – 3:00 p.m.       **Brownfields Workshop**  
*Atrium Room*
- 12:00 p.m. – 5:00 p.m.       **Vendor Setup**  
*Preassembly*

**Wednesday, August 8**

- 7:00 a.m. – 7:55 a.m.           **Breakfast Buffet**  
*Salon D-F*
- 8:00 a.m. – 9:55 a.m.       **Opening Plenary**  
*Salon D-F*
  - Heather Egan**| Visit Wichita  
*Welcome and Opening Remarks*
  - Lucinda Legel**| Director of Environmental Compliance, Koch Industries  
*Local Industry Environmental Capability*
  - Jim Gulliford**| EPA Region 7 Administrator  
*Cooperative Federalism*
  - Jeff Andersen**| Secretary, KDHE  
*Kansas Department of Health and Environment (KDHE) Update*
  - Leo Henning**| Director of Environment, KDHE  
*Kansas Environment Update*

9:35 a.m. – 9:55 a.m.           **Break**

10:00 a.m. – 11:00 a.m.       **Breakout Sessions**

Salon 1-2	Salon A-C	Salon D-F	Atrium Room
Kansas Environmental Information Management System (KEIMS)	Long-Term Trends in Legacy Persistent Organochlorine Pollutants in Bottom-Feeding Fish	Bureau of Waste Management – Director Update	P2 Intern Case Studies

11:00 a.m. – 11:10 a.m.       **Mid-Morning Refresh Snacks and Drinks**  
*Preassembly*



11:15 a.m. – 12:15 p.m.

## Breakout Sessions

Salon 1-2	Salon A-C	Salon D-F	Atrium Room
Common SPCC Compliance Issues– An Auditor’s Perspective	A Technology-Driven, Systems Approach to Managing Environmental Health and Safety (EHS) Programs	Bureau of Water– Director Update	Chemical Facility Anti-Terrorism Standards (CFATS) and IP Voluntary Programs and Resources, Infrastructure Protection (IP)

12:20 p.m. – 1:25 p.m.

## BBQ Buffet Lunch *Preassembly*

1:30 p.m. – 2:30 p.m.

## Breakout Sessions

Salon 1-2	Salon A-C	Salon D-F	Atrium Room
Harmful Algal Blooms (HABs)	China’s Restrictions Impact on Recycling	Bureau of Environmental Remediation’s– Director Update	What’s in Your Building? Material Transparency Tools and Strategies

2:30 p.m. – 2:50 p.m.

## Afternoon Break with Snacks and Refreshments *Preassembly*

2:55 p.m. – 3:55 p.m.

## Breakout Sessions

Salon 1-2	Salon A-C	Salon D-F	Atrium Room
EPA’s Recent Memos on New Source Review (NSR) Reform and “Once in Always In” (OIAI) Policy	Defining the Operational Age of a Well: Predicting Maintenance Issues in Advance of Failure	Bureau of Air – Director Update	BER Regulations/ Statute Upcoming Changes

4:00 p.m. – 5:00 p.m.

## Breakout Sessions

Salon 1-2	Salon A-C	Salon D-F	Atrium Room
Dodge City Biogas Facility	Overview of the Kansas Clean 20 Consortium	VolkswagenSettlement-Environmental Mitigation Trust Update/ Flint Hills Burn Update	Disaster Response from KDHE District Offices

5:00 p.m. – 6:00 p.m.

## Vendor Reception with Snacks and Refreshments *Preassembly*

6:00 p.m. – 8:00 p.m.

## Banquet Dinner with Pollution Prevention Awards *Salon D-F*

**Jayson Massey** | KDHE Division of Environment  
*Master of Ceremonies*

**Keith Thompson and Justin Knopf** | Discovery Channel’s ‘Rancher, Farmer, Fisherman’  
*Regenerative Farming techniques that led to operations with environmental impacts*

## Thursday, August 9

7:00 a.m. – 8:00 a.m. **Breakfast Buffet**  
*Salon D-F Ballroom*

8:10 a.m. – 9:10 a.m. **Breakout Sessions**

Salon 1-2	Salon A-C	Salon D-F	Atrium Room
Sustainable Milk Processing	Federal Hazardous Waste Regulatory Update	Water Quality Standards and Total Maximum Daily Load (TMDL) Program Update	BER Contaminated Sites-Use of UAVs (drones)

9:15 a.m. – 10:15 a.m. **Breakout Sessions**

Salon 1-2	Salon A-C	Salon D-F	Atrium Room
Panel discussion on Regulations, Permitting, and Environmental Compliance in Kansas	Kansas Water Office Update	High-level Electric Vehicle Overview/ Benefits of EV/ EV Infrastructure/ Ride and Drive Overview	Overview of the Kansas Energy Program within Kansas State University's Engineering Extension

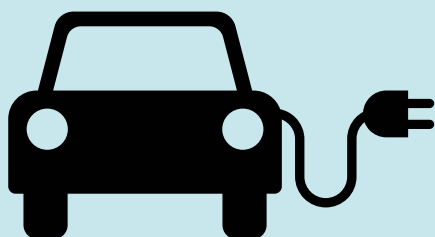
10:20 a.m. – 10:50 a.m. **Morning Break with Snacks and Refreshments – Last Chance to Visit Vendors**  
*Preassembly*

10:55 a.m. – 11:55 a.m. **Closing Plenary: Spirit Aerosystems Overview**  
*Salon D-F*

12:00 p.m. – 12:30 p.m. **Lunch/Conference Closing**  
*Salon D-F*

12:30 p.m. – 1:30 p.m. **Electric Vehicle Ride and Drive Event sponsored by Westar Energy Prize Drawings**  
*Rear Parking lot of Marriott Hotel*

1:30 p.m. – 2:30 p.m. **Optional Tour: Spirit Aerosystems**  
*\*This tour is reserved for the first 20 registrants that mark on their attendance sheet they would like to attend.*



### Electric Vehicle Ride and Drive Event Sponsored by Westar Energy

Join us following the conference on Thursday, Aug. 9, for a ride and drive event. Westar Energy is partnering with Wichita dealerships to bring electric and hybrid vehicles to view and drive. This is also the time we will be doing any prize drawings. Don't miss out on the fun!



# Breakout Session Descriptions

**Tuesday, August 7**

**10:00 a.m. – 11:00 a.m. Concurrent Sessions**

**Hazardous Waste Generator Workshops**

*Room: Corporate Hills Ballroom*

*Speaker: KDHE's Bureau of Waste Management*

Be the first to attend the 2018 Hazardous Waste Generator Workshops. The morning session will be a general overview of the basic hazardous waste generator requirements. The afternoon session will cover more advanced topics in hazardous waste. There is no cost to attend the workshops. Beverage and lunch is on your own.

**Clean Air Act Advisory Group (CAAAG)**

*Room: Salon 1-2*

The Bureau of Air gives stakeholders the chance to provide input into the policies and procedures of the air program through meetings of the KS CAAAG. There is a \$35 fee to attend the CAAAG meeting. Lunch will be provided. Space is limited to 100.

**Brownfields Workshop**

*Room: Atrium*

This workshop is designed to assist communities in identifying brownfields properties, and the resources and opportunities available to resolve environmental and redevelopment issues often associated with Brownfields.

**Wednesday, August 8**

**10:00 a.m. – 11:00 a.m. Concurrent Sessions**

**Kansas Environmental Information Management Systems**

*Room: Salon 1-2*

*Speaker: Mindy Bowman, Connie Ellis, Matthew Reynolds, Amy Seeds, KDHE Bureau of Air*

Kansas Environmental Information Management (KEIMS) is a new tool that the KDHE Bureau of Air will be implementing soon. KEIMS will be a one-stop portal for submitting permit applications and compliance reports.

**Long-Term Trends in Legacy Persistent Organochlorine Pollutants in Bottom-Feeding Fish**

*Room: Salon A-C*

*Speaker: Clint Goodrich, KDHE Bureau of Water*

Long-term trends in concentrations of legacy persistent organochlorine pollutants in whole-body samples of bottom-feeding fish from six large river monitoring stations in Kansas.

**Bureau of Waste Management (BWM) Update**

*Room: D-F*

*Speaker: William Bider, KDHE BWM Director*

BWM will provide an update on specific topics, regulations, policies and initiatives.





## Breakout Session Descriptions

### **Pollution Prevention (P2) Intern Case Studies**

*Room: Atrium*

*Speaker: Lynelle Ladd, K-State Pollution Prevention Institute*

More than \$11 million in savings have been identified for host industries working with P2 interns and the summer 2018 results will add to the totals. Multiple Kansas industries are working with these interns. Come learn how interns help the industry with their triple bottom line.

### **11:15 – 12:15 Concurrent Sessions**

### **Common SPCC Compliance Issues- An Auditors Perspective**

*Room: Salon 1-2*

*Speaker: Taylor Wilson, P.E., Trinity Consultants*

Real-world examples of SPCC compliance issues, focusing on accurate oil inventories, adequate secondary containment, and nuances of the SPCC regulations. Learn about common SPCC compliance concerns, including useful takeaways from an auditor's perspective to help you facility maintain compliance.

### **A Technology-Driven, Systems Approach to Managing Environmental Health and Safety (EHS) Programs**

*Room: A-C*

*Speaker: Nick Steinke, Tellevate*

EHS managers face an increasingly complex landscape of risks, requirements and regulations and often have limited resources available to effectively manage their responsibilities. This presentation will include: the benefits of an EHS management system approach; implementation strategies and challenges; risk-based internal monitoring techniques; and a demonstration of compliance tools to effectively communicate and manage information, documents and records implemented at an electric utility and a regulatory agency to improve EHS program management.

### **Bureau of Water's Bureau Director Update**

*Room: D-F*

*Speaker: Jaime Gaggero, KDHE BOW Director*

The Bureau of Water will provide an update on specific topics, regulations, policies and initiatives.

### **Chemical Facility Anti-Terrorism Standards (CFATS)**

*Room: Atrium*

*Speaker: James Cornman, Department of Homeland Security*

CFATS is the nation's first regulatory program focused specifically on security at high-risk chemical facilities. The Department of Homeland Security (DHS), through the Infrastructure Security Compliance Division (ISCD), administers the CFATS program by working with facilities to ensure they have security measures in place to reduce the risks associated with certain hazardous chemicals, and prevent them from being exploited in a terrorist attack.



## Breakout Session Descriptions

### **IP Voluntary Programs and Resources, Infrastructure Protection (IP)**

Hosted by: James Cornman, Department of Homeland Security

#### **1:30 – 2:30 Concurrent Sessions**

##### **Harmful Algal Blooms (HABS)**

*Room: Salon 1-2*

*Speaker: Pattie Haines-Lieber and Trevor Flynn, KDHE Bureau of Water*

This session will detail an overview of the Kansas Harmful Algal Bloom Response program and how HABs are affecting recreational users of public lakes in Kansas. Learn about which lakes have been affected this summer, how to report a bloom, what to look for, and some of the contributing causes. Additionally, KDHE will discuss current actions and initiatives that will assist with reducing the frequency and duration of the HAB events.

##### **China's Restrictions Impact on Recycling**

*Room: Salon A-C*

*Speaker: Tomas Vujovic, Waste Management*

This session will discuss the impact of China's recent decision to stop importation of foreign materials on recyclers.

##### **Bureau of Environmental Remediation (BER) Update**

*Room: Salon D-F*

*Speaker: Bob Jurgens, KDHE BER Director*

BER will provide an update on specific topics, regulations, policies and initiatives.

##### **What's in Your Building? Material Transparency Tools and Strategies**

*Room: Atrium*

*Speaker: D. Kay Johnson, PROSOCO, Moderator and Jasmin Moore, City of Lawrence/Douglas County Jeremy Knoll, BNIM Architects*

Learn about what material transparency is and why new trends in chemical disclosure of building materials are important to EHS and sustainability professionals, architects, building owners/operators, consultants, and local government/school officials. Hear about tools for improving a building's indoor air quality and occupant health, including a new performance-based approach to LEED certification that works for any building. Find out why you should update your sustainable purchasing program, what discussions you can have with suppliers, and where you can look for product disclosure documents.

#### **2:55 – 3:55 Concurrent Sessions**

##### **EPA's Recent Memos on New Source Review (NSR) reform and "Once In Always In" (OIAI) Policy**

*Room: Salon 1-2*

*Speaker: Paul Oruoch, P.E., Trinity Consultants*





## Breakout Session Descriptions

In light of the EPA Administrator's memorandums issued on Dec 7, 2017; Jan. 25, 2018; and March 30, 2018; this presentation will cover the following topics:

1. Review of EPA's current enforcement position as it relates to the NSR rule language for pre-change projected actual emissions (PAE) assessments and monitored post-change actual emissions, including when "excluded emissions" are considered in the pre-change or post-change assessments.
2. Withdrawal of the OIAI policy for Maximum Achievable Control Technology (MACT) standards.

### **Defining the Operational Age of a Well: Predicting Maintenance Issues in Advance of Failure**

*Room: Salon A-C*

*Speaker: Michael Schnieders, Water Systems Engineering*

Examining changes in well systems and how to better define a well's status in relation to its functional life-cycle. It also will look at how to identify when well rehabilitation needs to be done to ensure a long life and reduce operational costs.

### **Bureau of Air Update**

*Room: Salon D-F*

*Speaker: Rick Brunetti, KDHE BOA Director*

BWM will provide an update on specific topics, regulations, policies and initiatives.

### **BER Regulations/ Statute Upcoming Changes**

*Room: Atrium*

*Speaker: Sharon Morgan, Joe Dom, KDHE BER*

Storage Tanks Program and Spills

### **4:00 – 5:00 Concurrent Sessions**

#### **Dodge City Biogas Facility**

*Room: Salon 1-2*

*Speaker: Sarah Unruh, PEC, Ray Slattery, City of Dodge City*

The Dodge City south wastewater treatment facility, which accepts industrial, commercial and domestic flow, produces approximately 50 million cubic feet of biogas each month through its digestion process. The City has re-used wastewater effluent for irrigation since 1983, and has now extended its practice of re-use by installing a biogas cleaning system instead of flaring off the gas. This system produces high-quality gas for ultimate distribution as transportation fuel by cleaning the biogas generated in the digesters. The presentation will include discussion of project objectives, the cleaning process and equipment, project construction, and facility operation.

#### **Overview of the Kansas Clean 20 Consortium**

*Room: Salon A-C*

*Speaker: Suzanne Loomis, City of Newton*



## Breakout Session Descriptions

We're participating in a Consortium of Kansas municipalities that have joined together to ensure that we are doing our best to protect our communities by adhering to the Best Practice Measures outlined in the NPDES program.

### **VW Settlement- Environmental Mitigation Trust Update/ 2018 Flint Hills Burn Update**

*Room: Salon D-F*

*Speaker: Doug Watson, KDHE BOA*

Overview of the VW settlement as well as update on the Flint Hills burn for this year.

### **Disaster Response from KDHE District Offices**

*Room: Atrium*

*Speaker: Erich Glave, Matt Shelor, Jason Solomon KDHE, BEFS*

Disaster response from KDHE District Offices and our interaction with KDHE Bureau of Waste Management – Central Office. We will discuss disposal of storm-related debris, open burn exemptions, spill response, and disaster-related livestock mortality disposal. We will also touch on foreign animal disease-related livestock mortality disposals. We will provide a review of the last few years of disaster response as examples.

**Thursday, August 9**

### **8:10 a.m. - 9:10 a.m. Concurrent Sessions**

#### **Sustainable Milk Processing**

*Room: Salon 1-2*

*Speaker: Matt Green, Kansas Dairy Ingredients*

Last year's Pollution Prevention award winner with honors will discuss its techniques to sustainability within the industry.

#### **Federal Hazardous Waste Regulatory Update**

*Room: Salon A-C*

*Speaker: Ed Buckner, EPA*

Session covering the new accumulation regulations, e-manifesting, inspection selection, enforcement selection and the new pharmaceutical rule.

#### **Water Quality Standards and Total Maximum Daily Load (TMDL) Program Update**

*Room: Salon D-F*

*Speaker: Michelle Probasco, KDHE BOW*

Session focusing on the new Ammonia criteria and Total Phosphorus TMDLs and how these effect NPDES permits. Presentation will focus on the status of Kansas totalphosphorus TMDLs, and the recently-approved (May 2018) revised NH3 criteria, including themulti-discharger NH3 variance for lagoon systems. Discussion will include how TMDL wasteload allocations and the revised NH3 criteria are being incorporated intoNPDES permits.





## Breakout Session Descriptions

### **BER Contaminated Sites- Use of UAVs (drones)**

*Room: Atrium*

*Speaker: Randy Carlson, KDHE BER, Travis Wiley, GSI, Engineering*

Use of unmanned aerial vehicles during site inspection, assessment and remedial design.

### **9:15 – 10:15 Concurrent Sessions**

#### **Wildlife Regulations, Permitting and Environmental Compliance in Kansas**

*Room: Salon 1-2*

*Speaker: Chris O'Meilia, US Fish and Wildlife Service*

#### **Kansas Water Office Update**

*Room: Salon A-C*

*Speaker: Cara Hendricks, KWO*

The Kansas Water Office will provide an updated report.

#### **High-Level Electric Vehicle Overview/ Ride and Drive Overview**

*Room: D-F*

*Speaker: Mark Cosby, Hobie Parker, Westar Energy*

- High-level Electric Vehicle overview
- Review EV benefits
- Growth in Electric Vehicle adoption in the U.S.
- KCP&L's Clean Charge Network- as an example of an electric utility advancing EV charging infrastructure to promote adoption
- Westar's progress in extending the Clean Charge Network in Kansas in 2018
- Other initiatives driving the deployment of charging stations in the US
- Ride & Drive overview

#### **Overview of the Kansas Energy Program within KSU Engineering Extension**

*Room: Atrium*

*Speaker: David Carter, KSU*

The Kansas Energy Program within Kansas State University (KSU) Engineering Extension promotes pollution prevention through energy education and free energy assessments for rural small businesses. The Kansas Corporation Commission (KCC) partners with Engineering Extension to expand an existing small business program into providing assistance to agricultural producers and small business owners.



### **Banquet Dinner with Pollution Prevention Awards Menu**

#### **Salad**

Signature Salad with mixed baby greens toasted pecans, gorgonzola cherry tomatoes champagne vinaigrette

#### **Main Course**

London broil with zinfandel reduction

Roasted carrots, asparagus zucchini and mushrooms with oven roasted potatoes

#### **Dessert**

Lemon shortcake & Chocolate Bundt cake